

Title (en)

METHOD AND APPARATUS FOR DETECTING THE MULTIPLE FEEDING OF DOCUMENTS

Publication

EP 0024156 B1 19831130 (EN)

Application

EP 80302662 A 19800804

Priority

US 6538479 A 19790809

Abstract (en)

[origin: US4243983A] A method and apparatus for detecting a multiple-feed situation with regard to documents having encoding arranged thereon in a predetermined manner and with the documents being moved along a transport path. In a preferred embodiment of the invention, the documents are encoded with magnetic ink. A sensing member is positioned along the transport path in operative relationship with the encoding on the documents for generating a first signal in response to a character of the encoding being in moving relationship with the sensing means. A first circuit is used for receiving the first signal and for generating a first time frame. A second circuit is used for generating a second time frame beginning upon the expiration of the first time frame; and a third circuit is used for generating an output signal indicative of a multiple-feed situation when a subsequent signal from the sensing means occurs during the second time frame.

IPC 1-7

G06K 13/067

IPC 8 full level

G06K 13/067 (2006.01); **G06M 7/06** (2006.01)

CPC (source: EP US)

G06K 13/067 (2013.01 - EP US)

Cited by

US6034039A; EP0082928A3; US4510615A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

US 4243983 A 19810106; CA 1144258 A 19830405; DE 3065770 D1 19840105; EP 0024156 A1 19810225; EP 0024156 B1 19831130; JP S5627487 A 19810317

DOCDB simple family (application)

US 6538479 A 19790809; CA 356747 A 19800722; DE 3065770 T 19800804; EP 80302662 A 19800804; JP 10257380 A 19800728